

FIG. 1

Figure 1 is a perspective view of a cylindrical structure 201. The structure consists of a central shaft 202, a top flange 203, and a bottom flange 204. The top flange 203 has a top surface 205. The bottom flange 204 has a bottom surface 206.

FIG. 2

FIG. 3

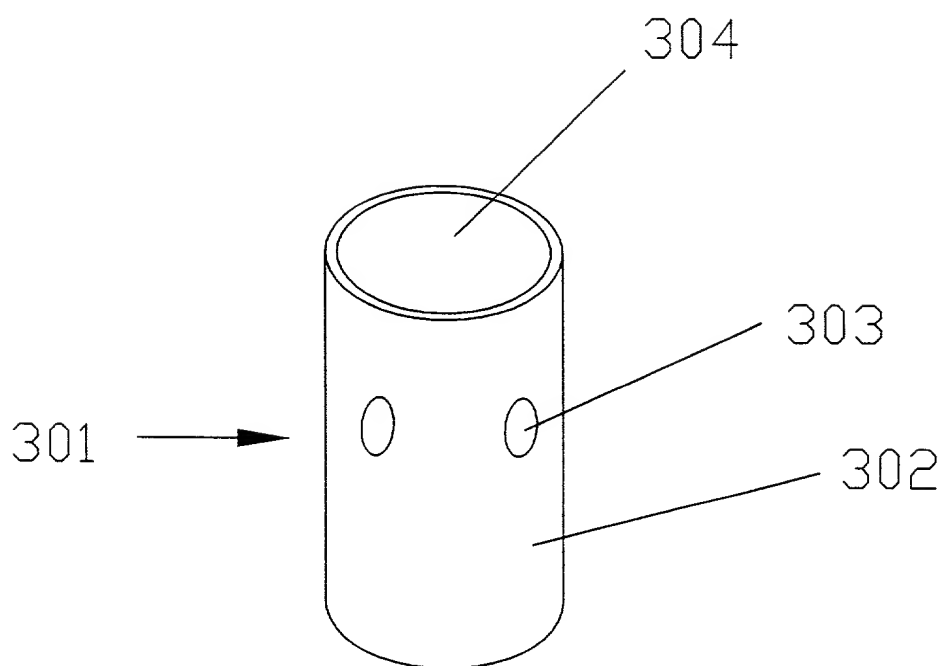


FIG. 3

FIG. 4

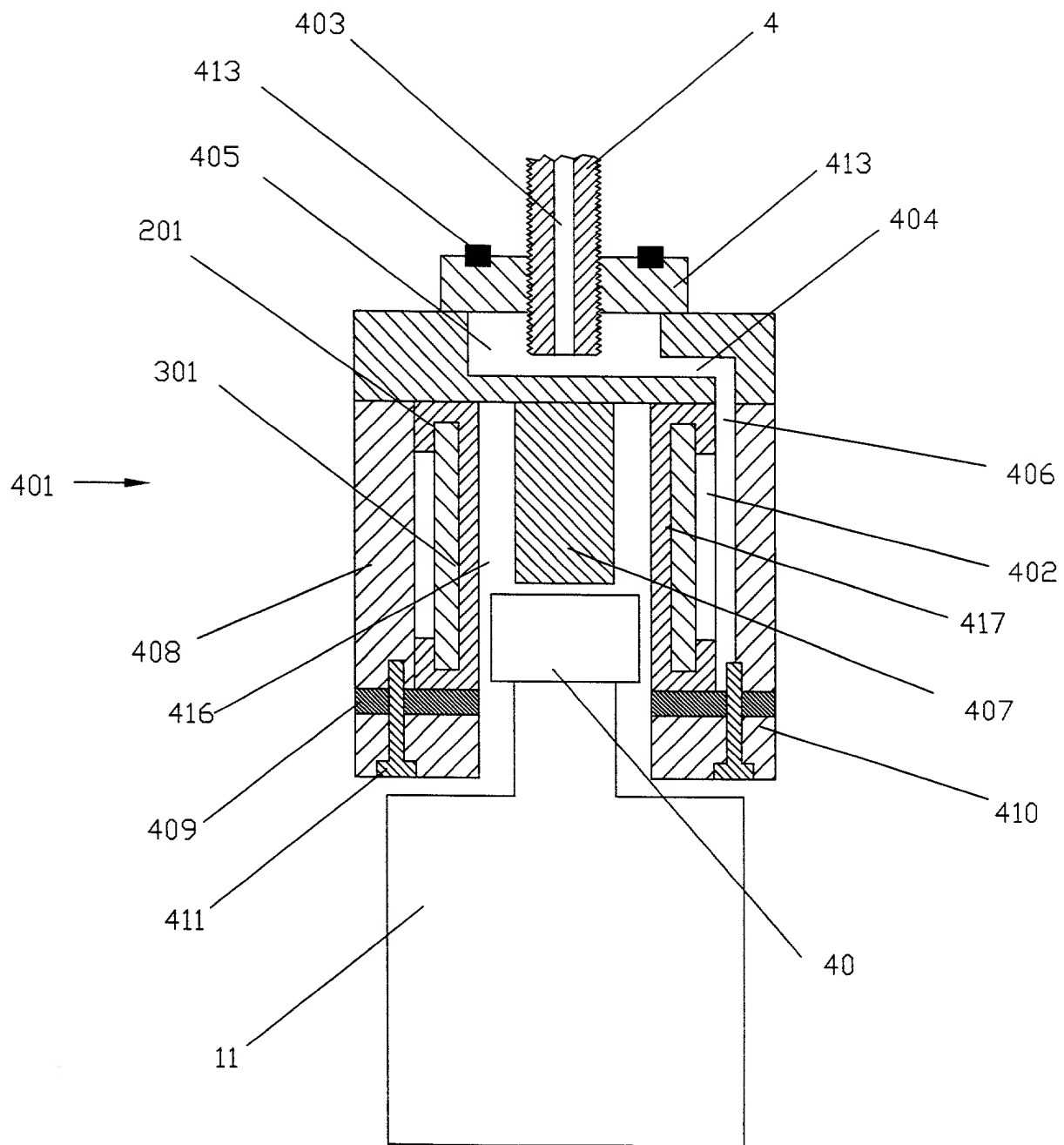


FIG. 4

This diagram shows a cross-sectional view of a multi-layered electronic device assembly. The assembly consists of several stacked layers and components, labeled with reference numerals:

- 509**: The topmost layer, likely a protective or insulating layer.
- 12**: A layer below 509, possibly a dielectric or insulating layer.
- 503**: A layer below 12, possibly a conductive or insulating layer.
- 505**: A layer below 503, possibly a conductive or insulating layer.
- 507**: A layer below 505, possibly a conductive or insulating layer.
- 502**: A layer below 507, possibly a conductive or insulating layer.
- 501**: A layer below 502, possibly a conductive or insulating layer.
- 508**: A layer below 501, possibly a conductive or insulating layer.
- 504**: A layer below 508, possibly a conductive or insulating layer.
- 7**: A layer below 504, possibly a conductive or insulating layer.
- 510**: A layer below 7, possibly a conductive or insulating layer.
- 5**: The bottommost layer, likely a substrate or base layer.
- 413**: A component on the left side, possibly a contact or pad.
- 4**: A component on the left side, possibly a contact or pad.
- 3**: A component on the left side, possibly a contact or pad.
- 511**: A component in the center, possibly a contact or pad.
- 512**: A component in the center, possibly a contact or pad.

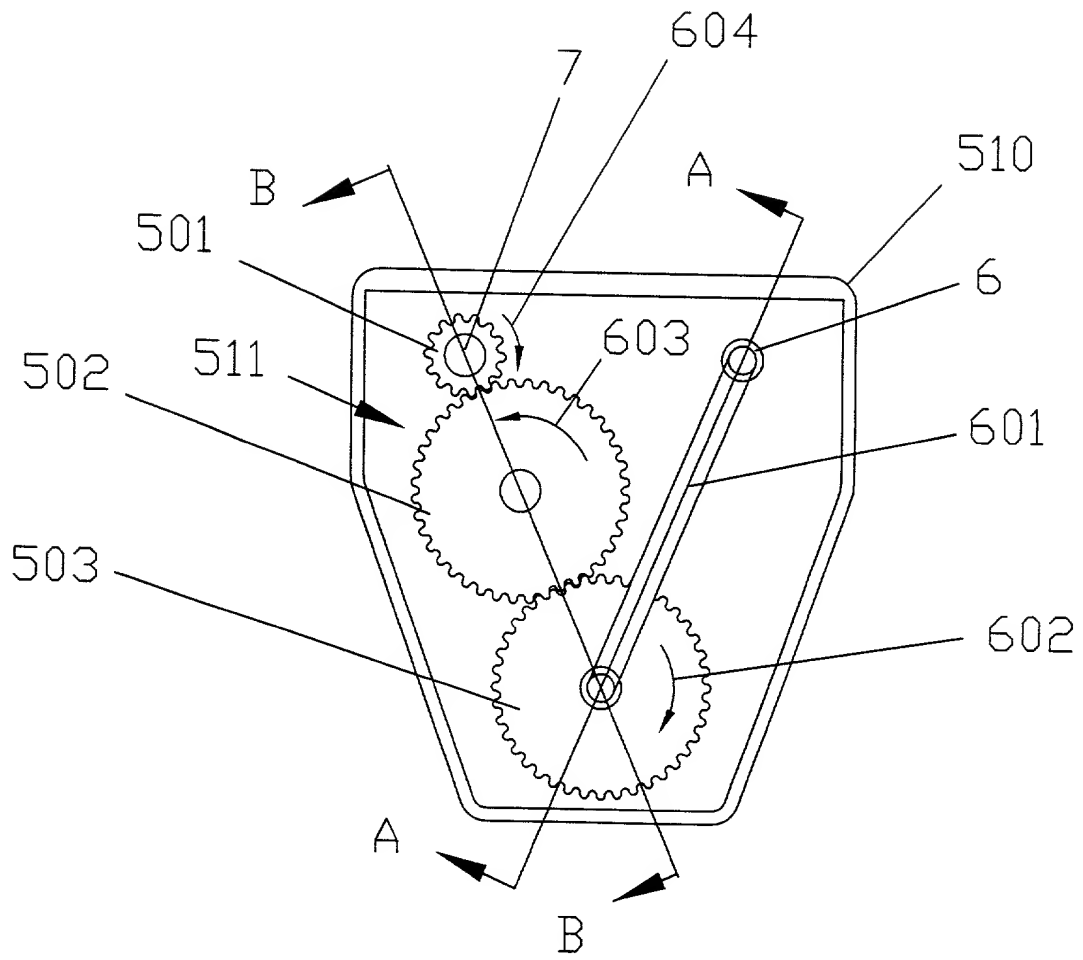


FIG. 6

09370597.0001

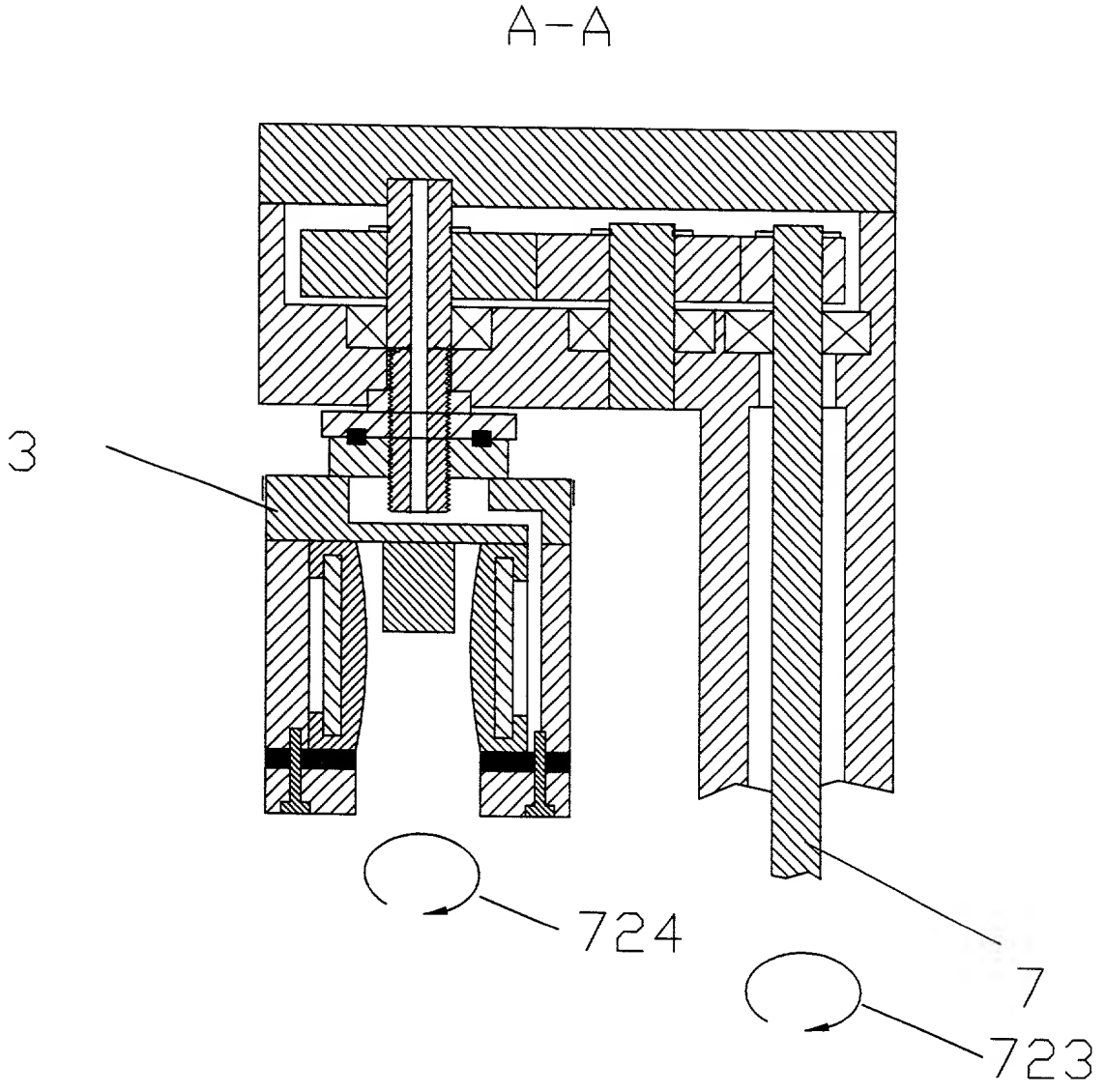


FIG. 7A

FIG. 7B'

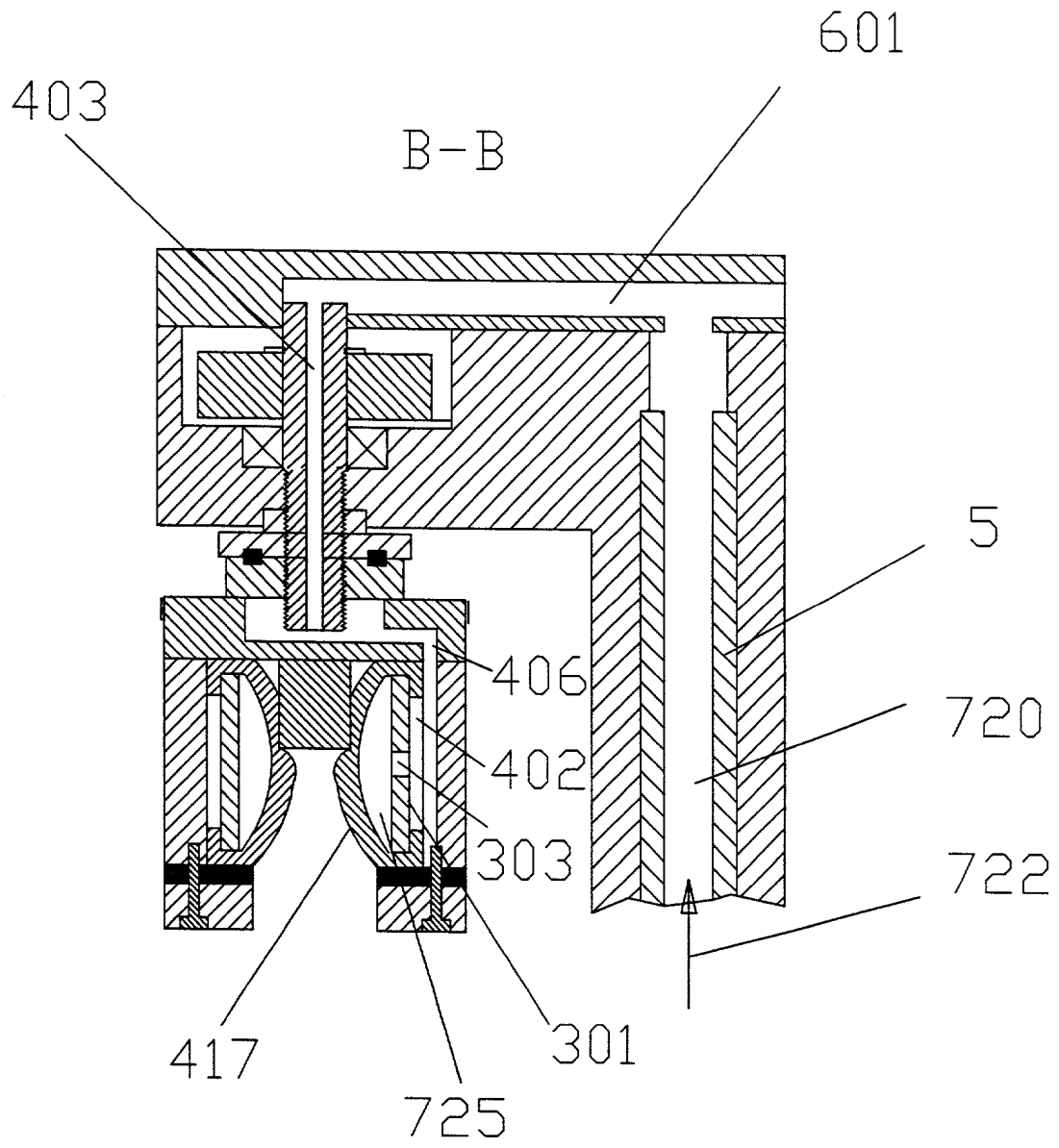


FIG. 7B'

FIG. 7B

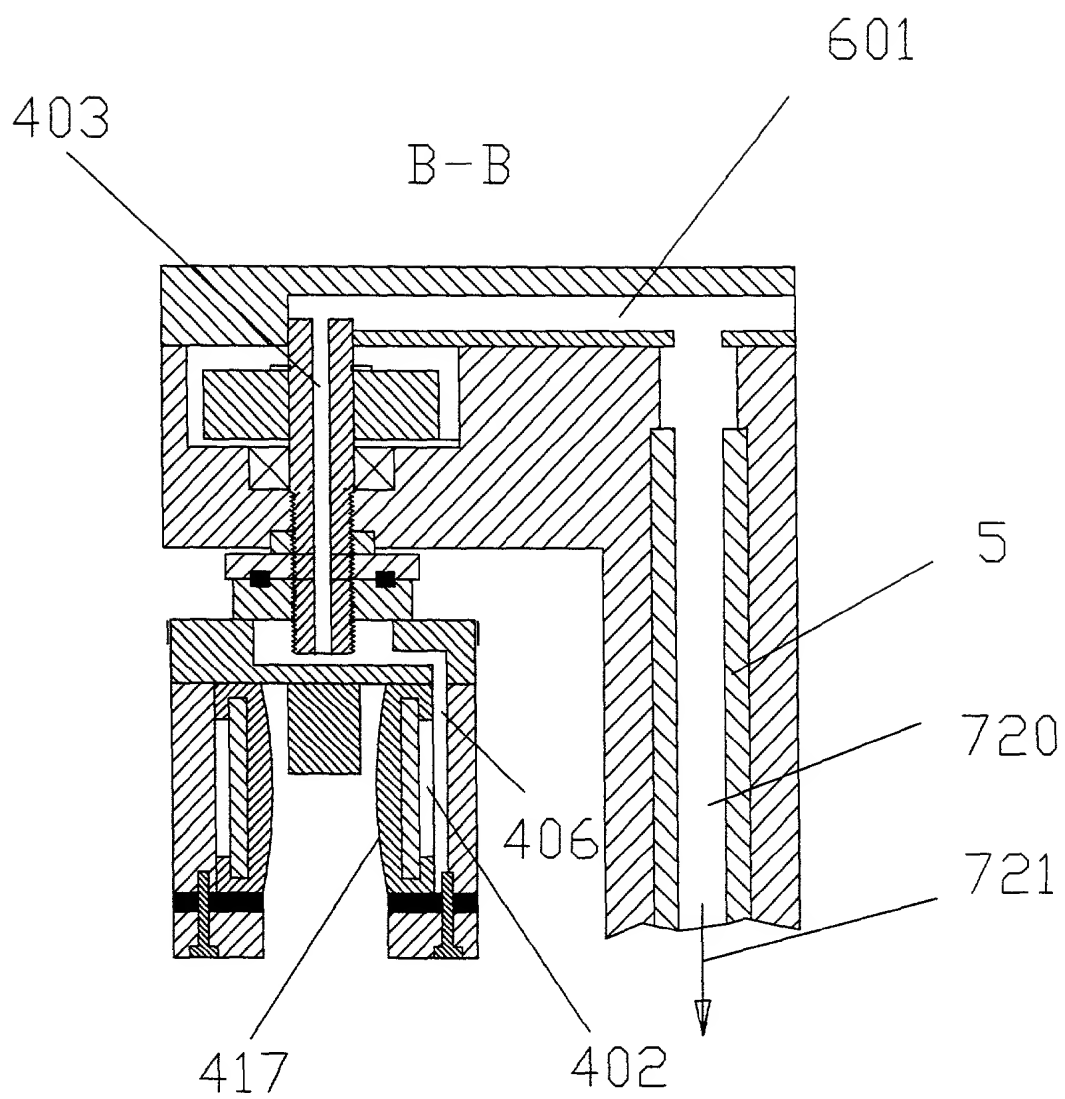


FIG. 7B

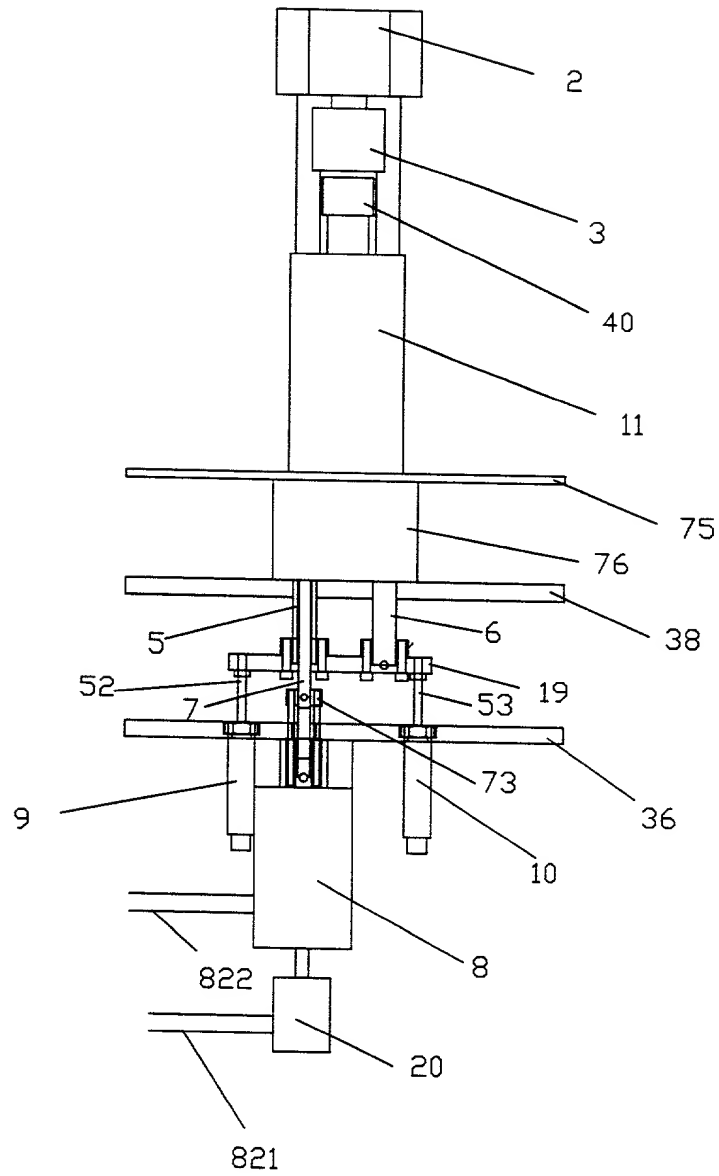


FIG. 8A

FIG. 8B

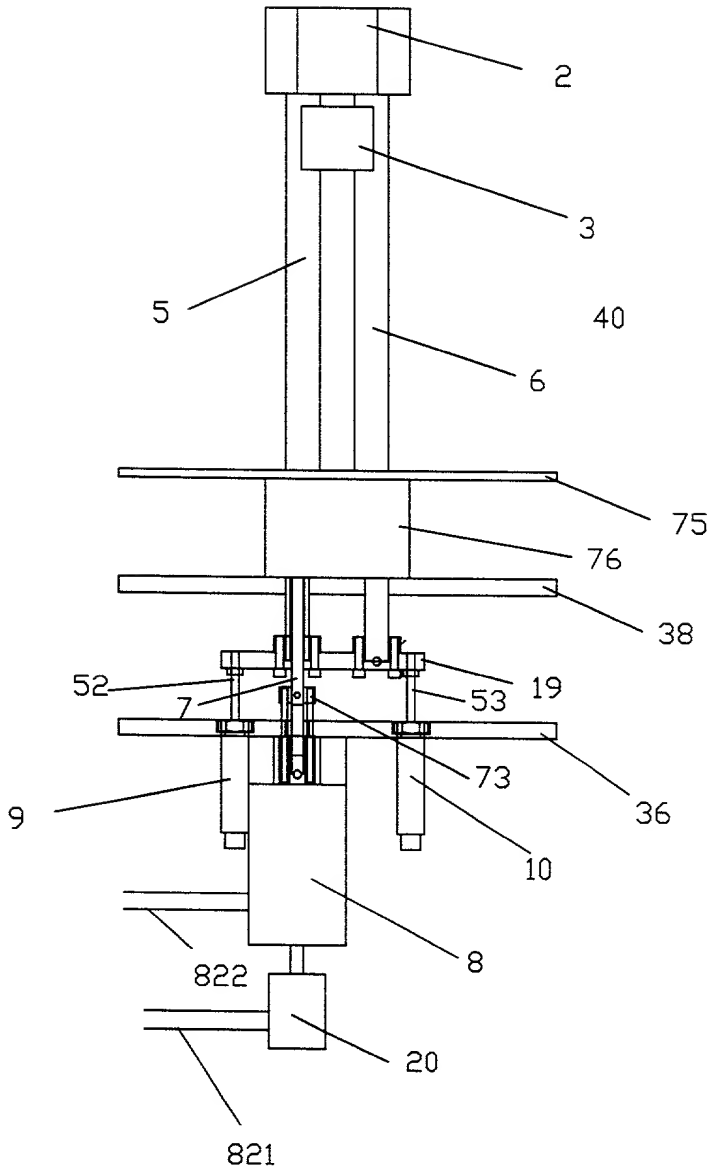


FIG. 8C

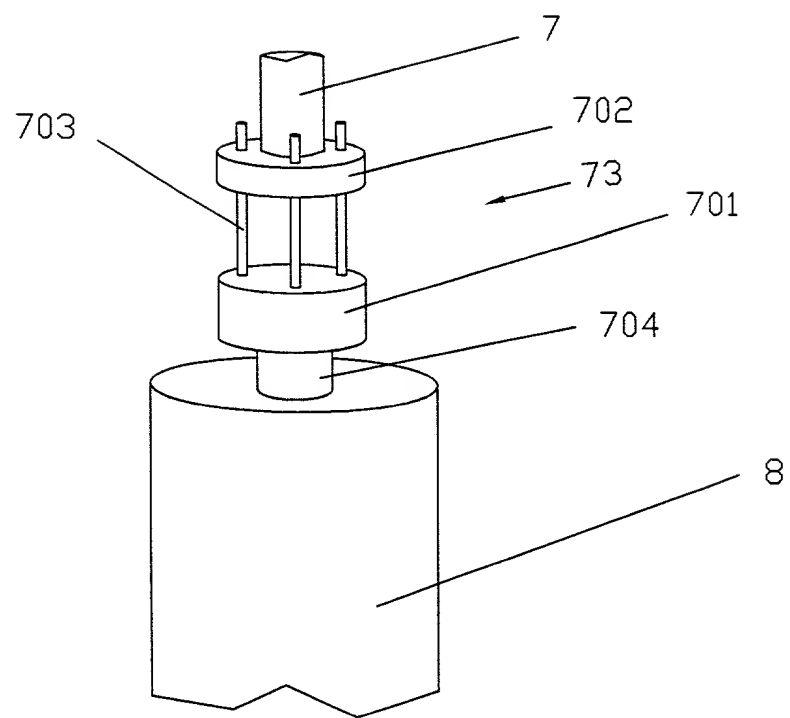


FIG. 9

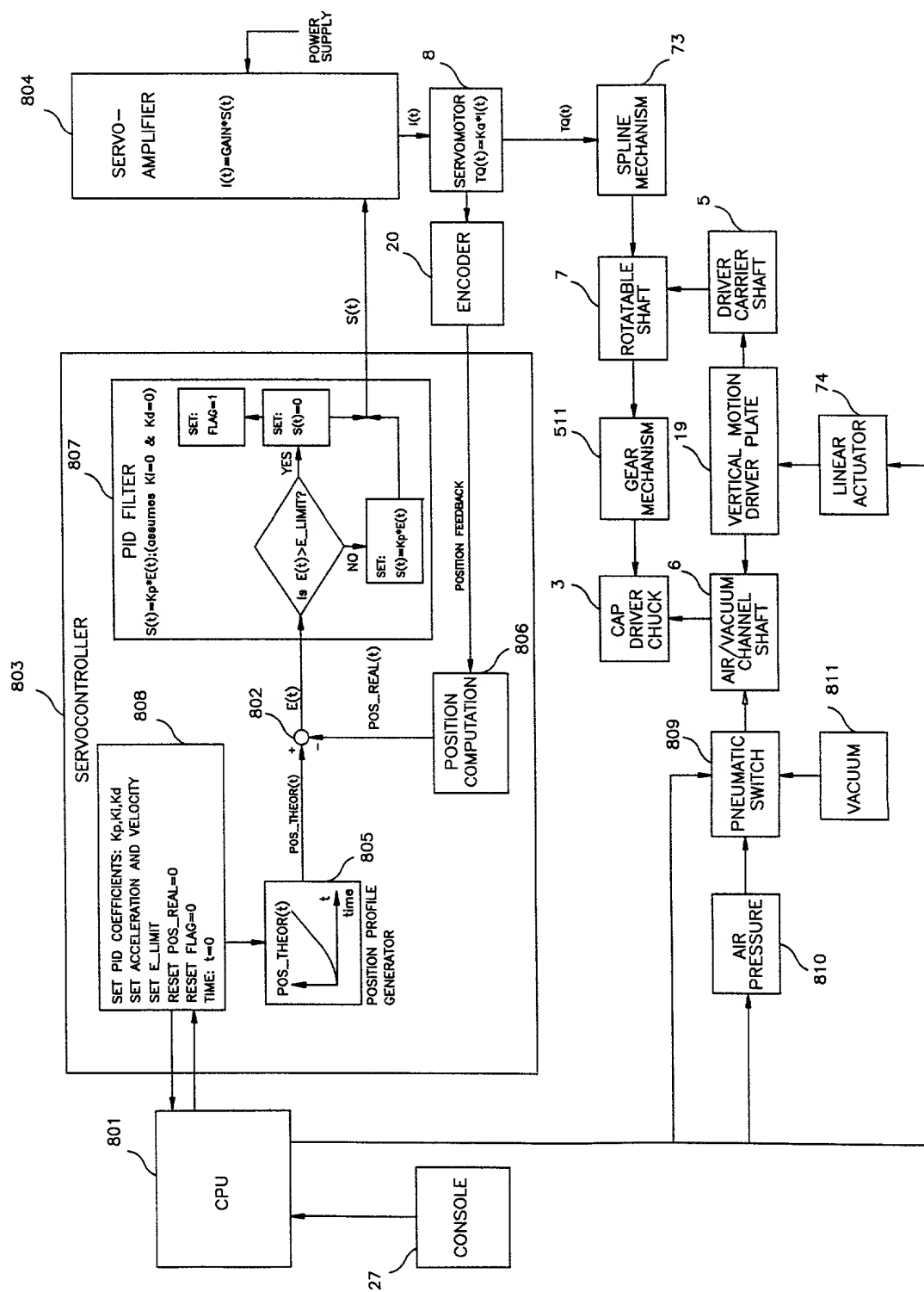


FIG. 10

2025 RELEASE UNDER E.O. 14176

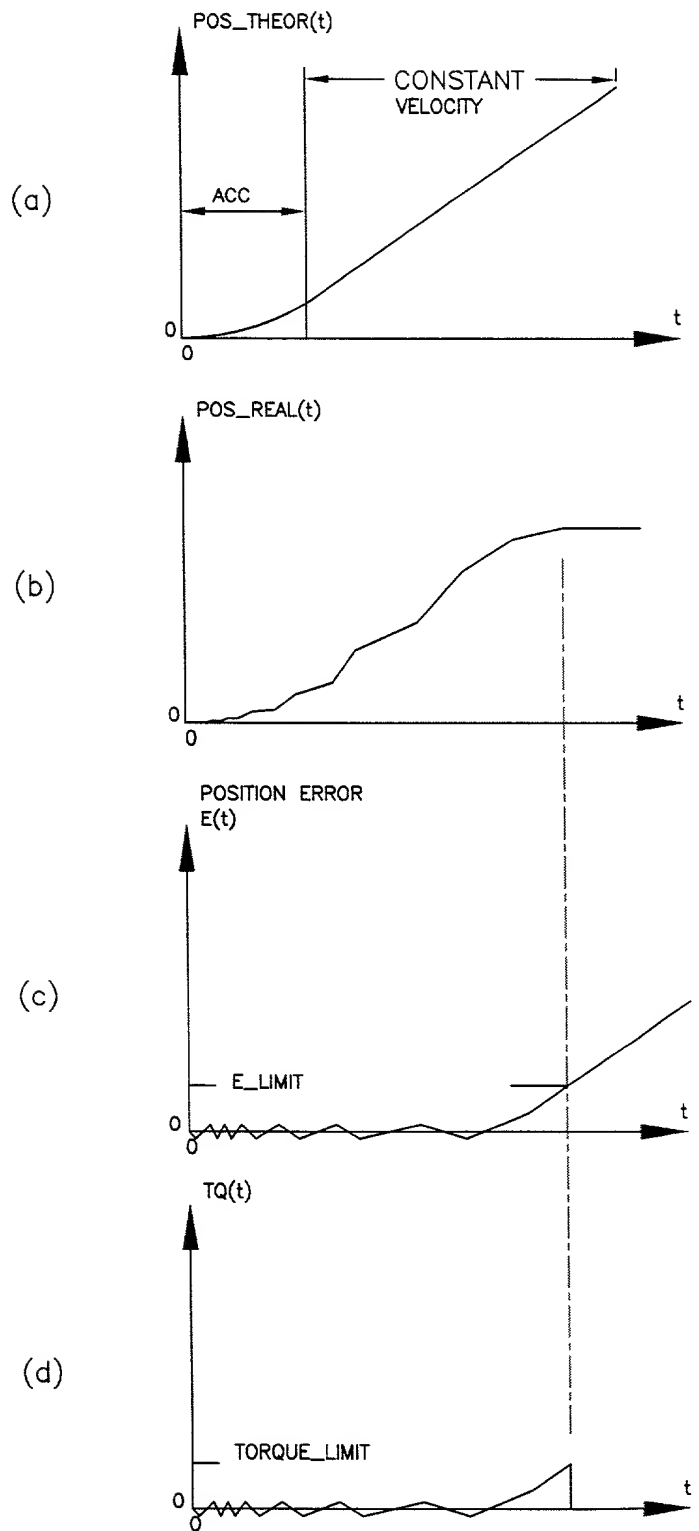


FIG. 11

DURING THIS TIME:
PLACING CAP ON THE CONTAINER PRIOR TORQUING POSITION
(OPTIONAL FILLING AND/OR STOPPING CONTAINERS
ON PRIOR POSITIONS)

MOVE IN NEW/REMOVE OLD CONTAINER

(STAR-WHEEL BOTTLE INDEX)

CAP DRIVER CHUCK UP/DOWN

(ELECTROVALVE)

AIR PRESSURE/VACUUM TO ACTIVATE/RELEASE GRIPPER

(ELECTROVALVE)

CHUCK ROTATE

(SERVO-MOTOR)

TORQUE LIMIT REACHED: $E(t) > E_LIMIT$?

(SERVO-CONTROLLER)


CONTAINER HOLDER

CONTAINER CLAMPING MECHANISM

RELEASE CONTAINER

NEXT CYCLE

time t

time t 

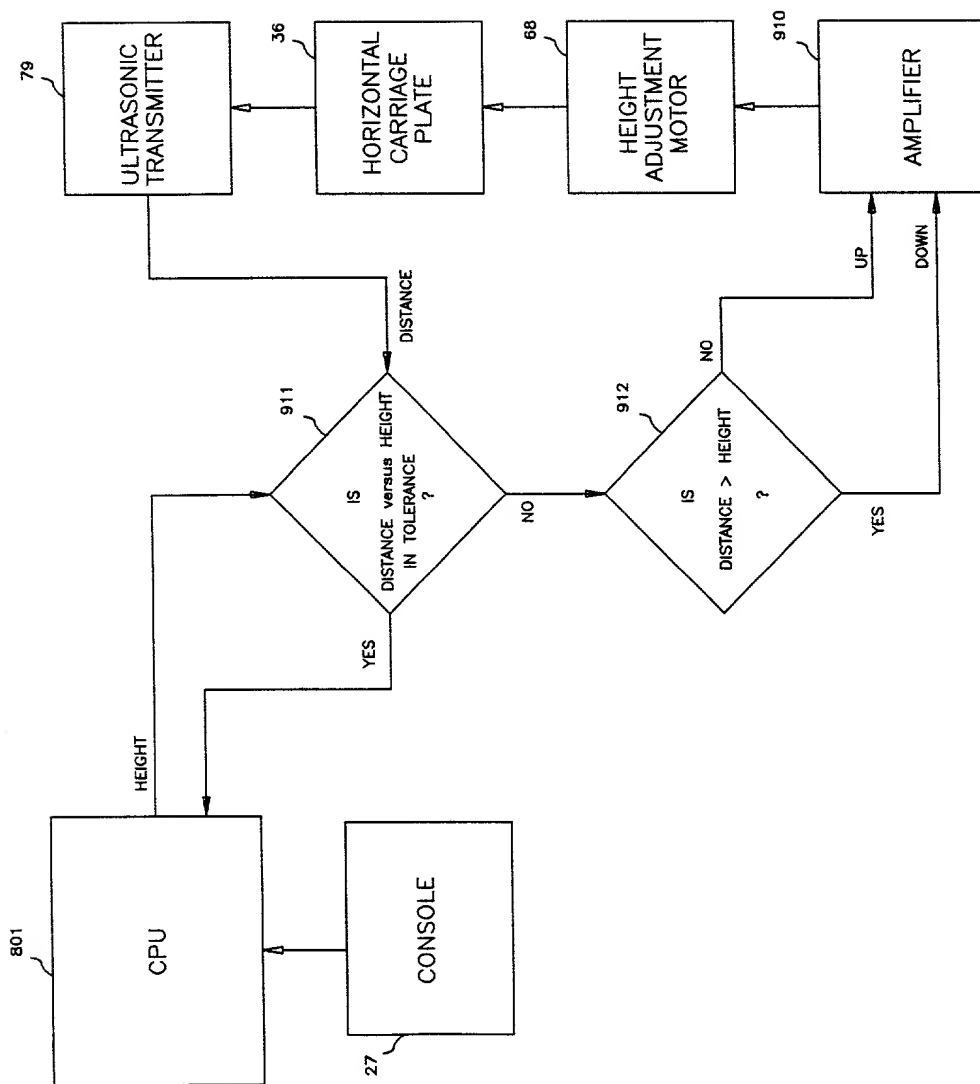


FIG. 13

FIG. 14

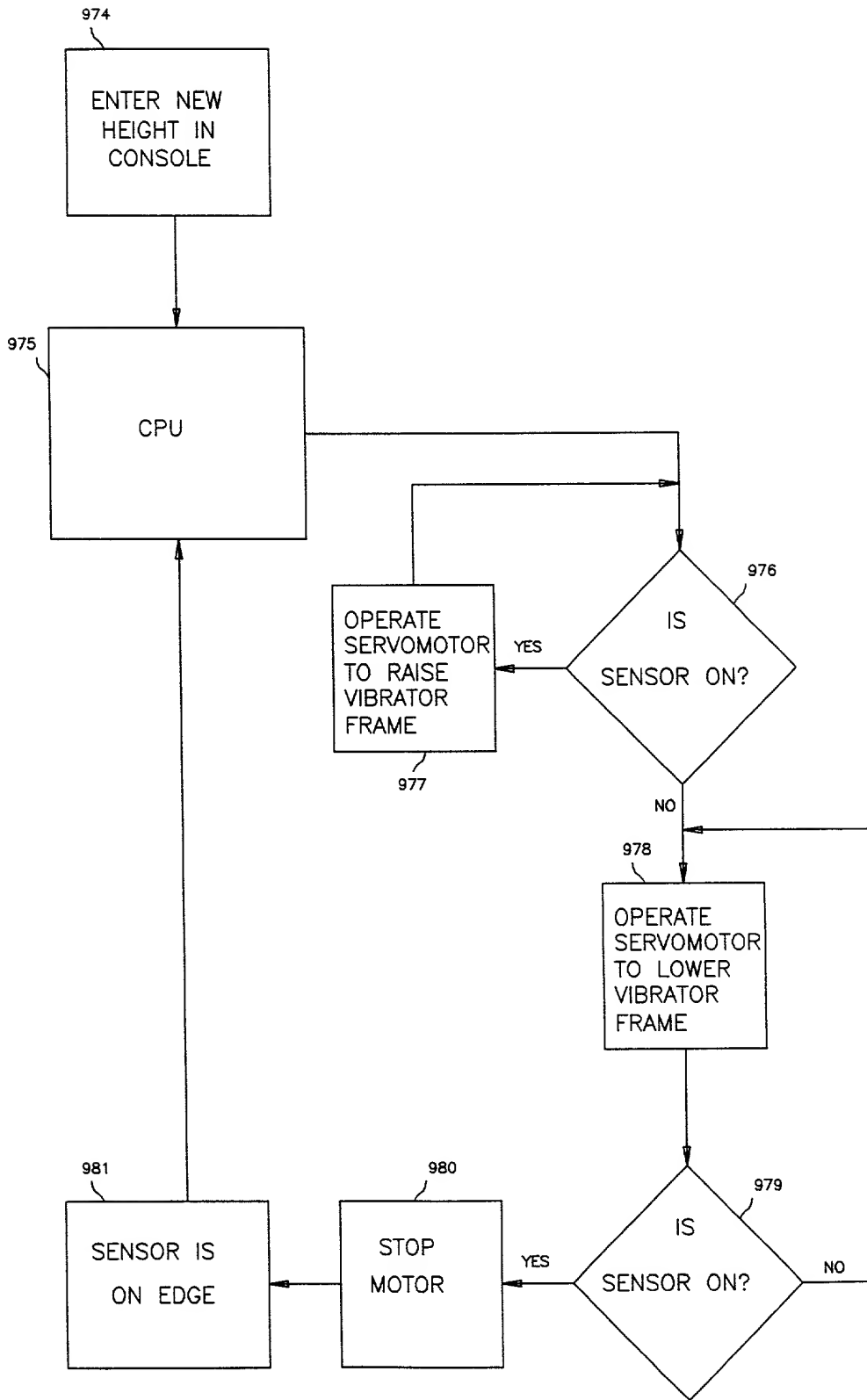


FIG. 15